



[Search Result - Print Format](#)

[< Back](#)

**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Enhanced real-time stereo using bilateral filtering**  
 Ansar, A.; Castano, A.; Matthies, L.;  
 3D Data Processing, Visualization and Transmission, 2004. 3DPVT 2004. Proceedings. 2nd International Symposium on  
 6-9 Sept. 2004 Page(s):455 - 462  
 IEEE CNF
2. **An extended Kalman filtering approach to high precision stereo image matching**  
 Williams, J.; Bennamoun, M.;  
 Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on  
 Volume 2, 4-7 Oct. 1998 Page(s):157 - 161 vol.2  
 IEEE CNF
3. **Use of texture filters to improve quality of digital elevation models derived from stereo imagery**  
 Mohamed, M.A.; Kwang-Eun Kim;  
 Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International  
 Volume 1, 21-25 July 2003 Page(s):176 - 178 vol.1  
 IEEE CNF
4. **Stereo error detection, correction, and evaluation**  
 Mohan, R.; Medioni, G.; Nevatia, R.;  
 Pattern Analysis and Machine Intelligence, IEEE Transactions on  
 Volume 11, Issue 2, Feb. 1989 Page(s):113 - 120  
 IEEE JNL
5. **Scatter correction techniques in 3D PET: a Monte Carlo evaluation**  
 Castiglioni, I.; Cremonesi, O.; Gilardi, M.C.; Bettinardi, V.; Rizzo, G.; Savi, A.; Bellotti, E.; Fazio, F.;  
 Nuclear Science, IEEE Transactions on  
 Volume 46, Issue 6, Dec. 1999 Page(s):2053 - 2058  
 IEEE JNL
6. **A comparison of four-image reconstruction algorithms for 3-D PET imaging of MDAPET camera using phantom data**  
 Baghaei, H.; Wai-Hoi Wong; Uribe, J.; Hongdi Li; Yu Wang; Yaqiang Liu; Tao Xing; Ramirez, R.; Shuping Xie; Soonseok Kim;  
 Nuclear Science, IEEE Transactions on  
 Volume 51, Issue 5, Oct. 2004 Page(s):2563 - 2569  
 IEEE JNL
7. **A comparison between FORE+NECOSEM and NECOSEM 3D for whole-body PET imaging**  
 Janeiro, L.; Comtat, C.; Lartizien, C.; Kinahan, P.E.; Defrise, M.; Michel, C.; Trebassen, R.; Almeida, P.;  
 Nuclear Science Symposium Conference Record, 2003 IEEE  
 Volume 4, 19-25 Oct. 2003 Page(s):2831 - 2835 Vol.4  
 IEEE CNF
8. **A theoretically based pre-reconstructing filter for spatio-temporal noise reduction in gated cardiac SPECT**  
 Hongbing Lu; Guoping Han; Dongqing Chen; Lihong Li; Zhengrong Liang;  
 Nuclear Science Symposium Conference Record, 2000 IEEE

Volume 2, 15-20 Oct. 2000 Page(s):15/141 - 15/145 vol.2

IEEE CNF

9. **Target modelization and filter generation for 3D pattern recognition by optical correlation**  
Rodriguez-Miguel, F.J.; Tudela, R.; Montes-Usategui, M.; Juvells, I.; Vallmitjana, S.;  
Pattern Recognition, 2000. Proceedings. 15th International Conference on  
Volume 3, 3-7 Sept. 2000 Page(s):1018 - 1021 vol.3  
IEEE CNF
10. **A comparison of 3D scatter correction methods in a neuroPET tomograph**  
Spinks, T.J.; Grootenk, S.; Bailey, D.L.; Schnorr, L.;  
Nuclear Science Symposium and Medical Imaging Conference, 1994., 1994 IEEE Conference Record  
Volume 4, 30 Oct.-5 Nov. 1994 Page(s):1618 - 1622 vol.4  
IEEE CNF
11. **Three-dimensional discrete wavelet transform architectures**  
Weeks, M.; Bayoumi, M.A.;  
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on  
Volume 50, Issue 8, Aug. 2002 Page(s):2050 - 2063  
IEEE JNL
12. **Face Recognition by Optical Correlation using 3D Filter**  
Farhat, M.; Al Falou, A.; Hamam, H.;  
Information and Communication Technologies, 2006. ICTTA '06. 2nd  
Volume 1, 24-28 April 2006 Page(s):1568 - 1572  
IEEE CNF
13. **Comparison of 2D and 3D qualitative whole body positron emission tomography (PET) without attenuation scatter correction**  
Kohlmyer, S.G.; Mankoff, D.A.; Lewellen, T.K.; Kaplan, M.S.;  
Nuclear Science Symposium, 1996. Conference Record., 1996 IEEE  
Volume 2, 2-9 Nov. 1996 Page(s):1367 - 1371 vol.2  
IEEE CNF
14. **Investigation on an analog stereo retina for automobile applications**  
Yang Ni; Arion, B.; Devos, F.;  
Intelligent Vehicles '94 Symposium, Proceedings of the  
24-26 Oct. 1994 Page(s):320 - 325  
IEEE CNF
15. **Improvement of stereo disparity estimation through balanced filtering: the sliding-block approach**  
Slima, M.B.; Konrad, J.; Barwicz, A.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 7, Issue 6, Dec. 1997 Page(s):913 - 920  
IEEE JNL
16. **Coarse filters for shape matching**  
Corney, J.; Rea, H.; Clark, D.; Pritchard, J.; Breaks, M.; Macleod, R.;  
Computer Graphics and Applications, IEEE  
Volume 22, Issue 3, May-June 2002 Page(s):65 - 74  
IEEE JNL
17. **HOS-based filtering scheme for stereo image compression**  
El Hassouni, M.; Cherifi, H.;  
Video/Image Processing and Multimedia Communications, 2003. 4th EURASIP Conference focused on  
Volume 2, 2-5 July 2003 Page(s):531 - 537 vol.2  
IEEE CNF

- 18. Comparing reconstruction algorithms using a multi-variate analysis**  
Jei-San Liow; Anderson, J.R.; Strother, S.C.;  
Nuclear Science, IEEE Transactions on  
Volume 47, Issue 3, June 2000 Page(s):1136 - 1142  
IEEE JNL
- 19. Evaluating performance of reconstruction algorithms for 3-D [<sup>15</sup>O] water PET using subtraction analysis**  
Jei-San Liow; Lan Zhou;  
Medical Imaging, IEEE Transactions on  
Volume 19, Issue 5, May 2000 Page(s):522 - 531  
IEEE JNL
- 20. Obstacles Detection on a Road by Dense Stereovision with 1D Correlation Windows and Fuzzy Filtering**  
Lefebvre, S.; Ambellouis, S.; Cabestaing, F.;  
Intelligent Transportation Systems, 2006. Proceedings. 2006 IEEE  
2006 Page(s):739 - 744  
IEEE CNF
- 21. Symmetry Identification Using Partial Surface Matching and Tilt Correction in 3D Brain Images**  
Xin Liu; Imielinska, C.; Laine, A.; Connolly, E.S.; D'Ambrosio, A.L.;  
Engineering in Medicine and Biology Society, 2006. EMBS '06. 28th Annual International Conference of the IEEE  
Aug. 2006 Page(s):1056 - 1060  
IEEE CNF
- 22. Tracking 3D Human Body using Particle Filter in Moving Monocular Camera**  
Sungmin Kim; Chang-Beom Park; Seong-Whan Lee;  
Pattern Recognition, 2006. ICPR 2006. 18th International Conference on  
Volume 4, 20-24 Aug. 2006 Page(s):805 - 808  
IEEE CNF
- 23. Improvement 3-D Reconstruction Accuracy Considering Distortion in Stereovision Using a Set of Linear Spatial Filters**  
El-Etriby, S.; Al-Hamadi, A.; Michaelis, B.;  
Computational Intelligence for Modelling, Control and Automation, 2005 and International Conference on Intelligent Agents, Web Technologies and Internet Commerce, International Conference on  
Volume 2, 28-30 Nov. 2005 Page(s):654 - 659  
IEEE CNF
- 24. Solving the strip adjustment problem of 3D airborne lidar data**  
Bretar, F.; Pierrot-Deseilligny, M.; Roux, M.;  
Geoscience and Remote Sensing Symposium, 2004. IGARSS '04. Proceedings. 2004 IEEE International  
Volume 7, 2004 Page(s):4734 - 4737 vol.7  
IEEE CNF
- 25. 3D face pose tracking from an uncalibrated monocular camera**  
Zhiwei Zhu; Qiang Ji;  
Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on  
Volume 4, 23-26 Aug. 2004 Page(s):400 - 403 Vol.4  
IEEE CNF

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/659,377	US-PGPUB; USPAT	OR	ON	2007/04/27 11:55
L2	1	10/659,937	US-PGPUB; USPAT	OR	ON	2007/04/27 13:48
L3	0	(09/549,432).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 13:49
L4	4	09/549,432	US-PGPUB; USPAT	OR	ON	2007/04/27 14:21
L5	1	"6606091".PN.	USPAT; USOCR	OR	ON	2007/04/27 14:03
L6	1	"5988862".PN.	USPAT; USOCR	OR	ON	2007/04/27 14:03
L7	1	"5465323".PN.	USPAT; USOCR	OR	ON	2007/04/27 14:04
L8	1350	(three-dimension\$4 or 3D\$1 or three adj2 dimension\$4 or stereo\$2)same(hole\$1 near10(fill\$4 or correct\$3 or adjust\$4))	US-PGPUB; USPAT	OR	ON	2007/04/27 14:37
L9	149	8 same(mesh\$3 or merg\$3 or synthes\$4 or compos\$4 or combin\$6)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:35
L10	2	9 same((calculat\$4 or measur\$4 or comput\$4 or estimat\$4 or construct\$4)near10 distanc\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:37
L11	9	9 same (distanc\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:36
L12	185	8 same(mesh\$3 or merg\$3 or synthes\$4 or compos\$4 or combin\$6 or fit\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:38
L13	29	12 same(calculat\$4 or measur\$4 or comput\$4 or estimat\$4 or construct\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:39
L14	1559	(three-dimension\$4 or 3D\$1 or three adj2 dimension\$4 or stereo\$2)same(hole\$1 near10(fill\$4 or correct\$3 or adjust\$4 or filter\$3 or eliminat\$4))	US-PGPUB; USPAT	OR	ON	2007/04/27 14:38
L15	234	14 same(mesh\$3 or merg\$3 or synthes\$4 or compos\$4 or combin\$6 or fit\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:38
L16	41	15 same(calculat\$4 or measur\$4 or comput\$4 or estimat\$4 or construct\$4 or analy\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40

## EAST Search History

L17	65	15 same(extract\$3 or cut\$4 or partition\$3 or portion\$3 or segment\$4 or partial\$3 )	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40
L18	15	17 same(calculat\$4 or measur\$4 or comput\$4 or estimat\$4 or construct\$4 or analy\$4)	US-PGPUB; USPAT	OR	ON	2007/04/27 14:40
L19	1	"5933225".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:46
L20	1	"5831719".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:46
L21	1	"4873449".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:46
L22	1	"5933225".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:46
L23	1	"5933225".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
L24	1	"5625447".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
L25	1	"5449898".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
L26	1	"5225882".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:47
L27	1	"4948246".PN.	USPAT; USOCR	OR	ON	2007/04/27 16:49
L32	1	(hol\$2 and 3D\$1 and boundar\$4 and distanc\$4 and vertic\$4 and adjacent\$3 and fitt\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/04/27 16:54
L33	1	"6300958".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:05
L34	1	"6040844".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L35	1	"6273596".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L36	1	"6078938".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:06
L37	1	"5933225".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:07
L38	1	"5831719".PN.	USPAT; USOCR	OR	ON	2007/04/27 17:07